

CLASSIFICATION

U-E-C-R-E-T

CENTRAL INTELLIGENCE AGENCY

## INFORMATION REPORT

REPORT

CD

COUNTRY

Poland

SUBJECT

Jaworzno I Power Plant in Jaworzno

25X1

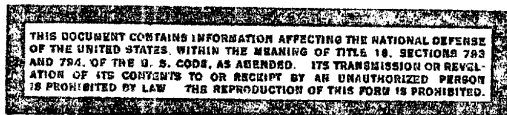
PLACE  
ACQUIREDDATE OF  
INFO.

DATE DISTR. 17 June 1955

NO. OF PAGES 3

NO. OF ENCLS. 25X1  
(LISTED BELOW)SUPPLEMENT TO 25X1  
REPORT NO.

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THIS IS UNEVALUATED INFORMATION

1. The Jaworzno I power plant is located outside of Jaworzno on the route to Krakow. The power plant, the Bierut coal mine, and the coal-crushing mill are connected to one another.
2. In 1953, there were two boilers in operation in this plant. Each of the boilers had the following specifications: capacity of 125 t/h; 80 Atue pressure; and 500°C. operating temperature. Boiler no. 3 was already in the plant but was without certain important armature parts which had been borrowed to facilitate putting boilers 1 and 2 into operation. Three more boilers (nos. 3,4,5,) are planned.
3. The basic construction of the plant was carried out by the Rheinmetall-Borsig firm in the last years of WW II. At that time boilers 1, 2, and 3 were delivered and installed by this firm. Upon start of operations of boilers 1 and 2, two older boilers in the old boiler house were taken out of operation. The feed-water reservoirs, of which there were two in 1953, were presumably delivered by the Borsig firm.
4. Condensing turbines 1 and 2, each with a 35 MW capacity, were delivered by Brown-Boveri of Switzerland and installed by mechanics from this firm in 1951/52. In addition to these two turbines, there were two others in operation, each with about a 10 MW capacity and known as house turbines (Hausturbinen). The delivering firm was unknown, but it was assumed to be AEG since a mechanic from AEG repaired these two turbines in 1951.
5. The coal-crushing installation was delivered and installed by a Czechoslovakian firm.
6. The high-pressure piping system was delivered and installed by the Seiffert firm. The low-pressure piping system was built and installed by the Poles themselves.

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7. Jaworzno I power plant supplies the following cities with power: Jaworzno, Katowice, Sosnowiec, Myslowice, and the surrounding small towns. In the case of a breakdown of the Chorzow power plant, Jaworzno I is automatically cut in to the power net.
8. A power plant was constructed by Soviet specialists in 1951/1952 exactly 1 km. from Jaworzno.

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Legend to the annexed sketch of Jaworzno I Power Plant

1. and 2. Coal installation and hoist tower of the "Mierut" coal mine. The coal is carried by train to the crushing mill (no. 6) and then is sent by a tube system to the boiler house (no. 3).
3. New boiler house.
4. Turbine house. The condensers are in the basement of this building; the pumps are on the ground floor; and the turbine installation is on the second floor.
5. Old boiler house.
6. Crushing installation.
7. Workshops where repairs for the coal mine were handled.
8. Workshops where repairs for the power plant were handled.
9. Office for the coal mine and the power plant.
10. Coal hoist tower. It was not known whether this tower was part of the Mierut coal mine.
11. Power plant built by the Soviets in 1951/52.

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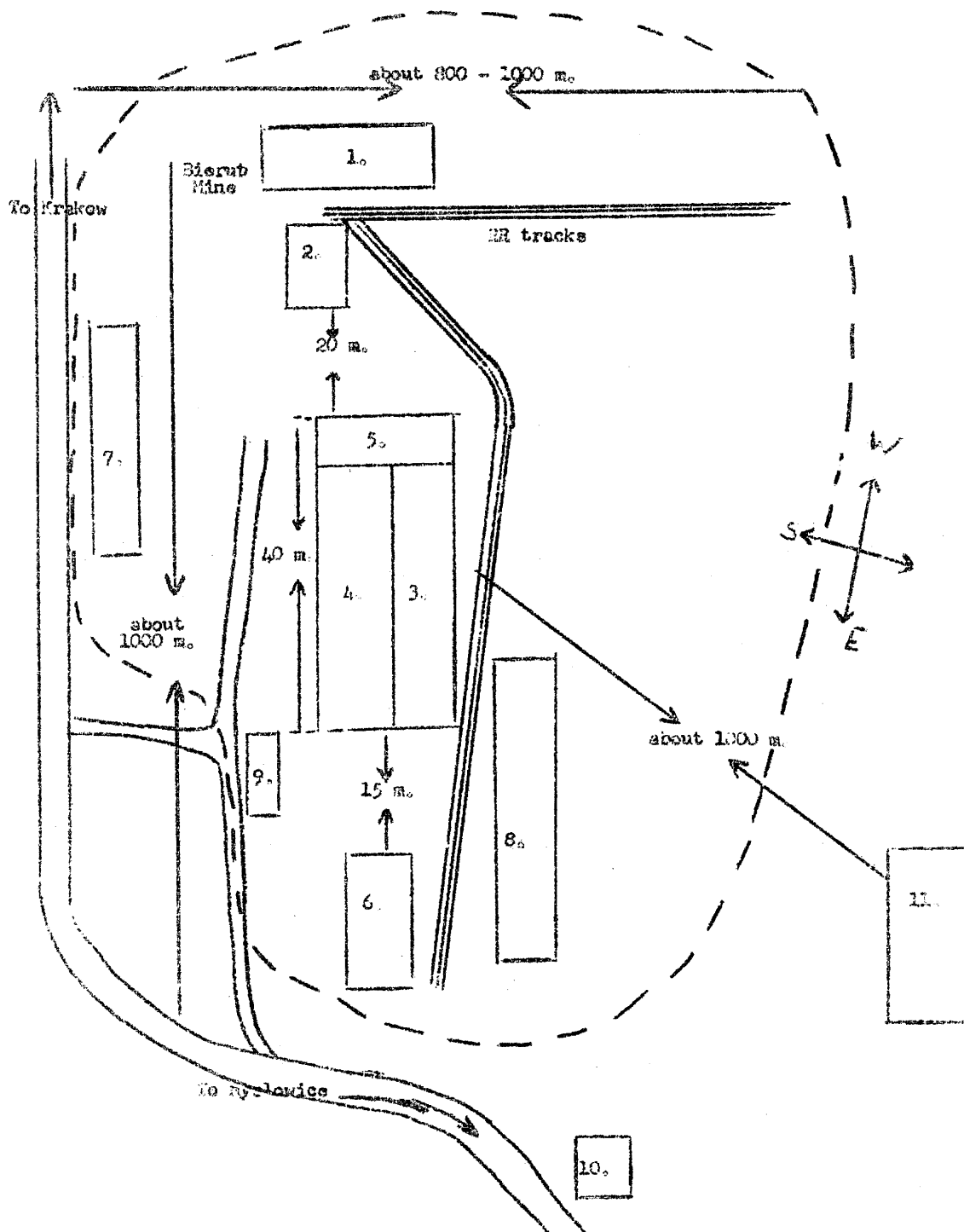
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Annex

Lawrence I Power Plant



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